



PATENT
Attorney Docket No. SYP-116

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): **Fuchs et al.**
SERIAL NO.: **08/726,093** GROUP NO.: **1634**
FILING DATE: **Oct. 4, 1996** EXAMINER: **Marschel, A**
TITLE: **Methods and Kits for Hybridization Analysis Using Peptide Nucleic Acid Probes**

Box AF
Assistant Commissioner for Patents
Washington, D.C. 20231
Sir:

EXPEDITED PROCEDURE
AMENDMENT UNDER 37 CFR
1.116

AMENDMENT AND REPLY

In response to a Final Office Action mailed from the Patent and Trademark Office on October 1, 1998, in the above-referenced application, kindly amend the claims as follows.

In the Claims:

Cancel without prejudice claims 52 and 63.

Amend claims 32, 45, 46, and 58 as follows:

32. (Amended) A method for detecting a selected target sequence in a polynucleotide, said method comprising the steps of:
- providing a sample comprising at least one strand of nucleic acid and its complementary strand capable of forming double stranded sections of greater than 50 nucleotide subunits, wherein one of said at least one strand of said nucleic acid and its complementary strand is suspected to include said selected target sequence;
 - mixing said sample with a PNA probe labeled with a detectable moiety, said PNA probe having a sequence complementary to at least a portion of said selected target

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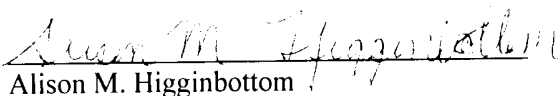
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CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

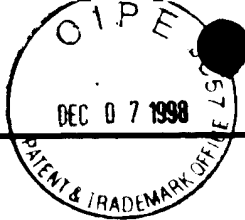
I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Assistant Commissioner for Patents, Washington, DC 20231 on this 3rd day of December, 1998.


Alison M. Higginbottom

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith is/are: Transmittal Form (1 pg.); Amendment and Reply (6 pgs.);
return receipt postcard; all under Certificate of First Class Mailing under 37
CFR 1.8 dated December 3, 1998.



TRANSMITTAL FORM

Application Serial Number	08/726,093
Filing Date	October 4, 1996
First Named Inventor	Fuchs
Group Art Unit	1634
Examiner Name	Marschel, A.
Attorney Docket No.	SYP-116

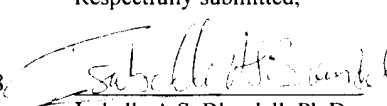
ENCLOSURES (check all that apply)

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|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form
<input type="checkbox"/> Check Attached
<input type="checkbox"/> Copy of Fee Transmittal Form
<input checked="" type="checkbox"/> Amendment/Response
<input checked="" type="checkbox"/> After Final
<input type="checkbox"/> Affidavits/declaration(s)
<input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets _____]
<input type="checkbox"/> Extension of Time Request
<input type="checkbox"/> Information Disclosure Statement
<input type="checkbox"/> Form PTO-1449
<input type="checkbox"/> Copies of IDS Citations
<input type="checkbox"/> Certified Copy of Priority Document(s)
<input type="checkbox"/> Response to Missing Parts/Incomplete Application | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application (PTO-1553)
<input type="checkbox"/> Formal Drawing(s)
<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition
<input type="checkbox"/> To Convert to a Provisional Application
<input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)
<input type="checkbox"/> Terminal Disclaimer
<input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application
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